

**Report posted November 10, 2022**

**Report to Congress**

**Committee on Commerce, Science, and Transportation of the Senate and  
Committee on Science, Space, and Technology of the House of Representatives  
on Use of Contractors at the National Weather Service**

The Weather Research and Forecasting Innovation Act (Public Law 115-25) directs the Under Secretary of Commerce for Oceans and Atmosphere to submit a report to Congress on the use of contractors at the National Weather Service (NWS) for the most recently completed fiscal year. This report addresses each of the eight points raised in the Act, ranging from an analysis of full-time equivalent (FTE) employees to an analysis of contractor support at the NWS. This report also includes the National Oceanic and Atmospheric Administration's (NOAA's) response to the Department of Commerce (DOC) Office of the Inspector General's (OIG) investigation into the use of contractors by the NWS. Section 410 of the Act states:

- (a) Report Required.--Not later than 180 days after the date of the enactment of this Act, the Under Secretary shall submit to Congress a report on the use of contractors at the National Weather Service for the most recently completed fiscal year.
- (b) Contents.--The report required by subsection (a) shall include, with respect to the most recently completed fiscal year, the following:
  - (1) The total number of full-time equivalent employees at the National Weather Service, disaggregated by each equivalent level of the General Schedule.
  - (2) The total number of full-time equivalent contractors at the National Weather Service, disaggregated by each equivalent level of the General Schedule that most closely approximates their duties.
  - (3) The total number of vacant positions at the National Weather Service on the day before the date of enactment of this Act, disaggregated by each equivalent level of the General Schedule.
  - (4) The five most common positions filled by full-time equivalent contractors at the National Weather Service and the

equivalent level of the General Schedule that most closely approximates the duties of such positions.

(5) Of the positions identified under paragraph (4), the percentage of full-time equivalent contractors in those positions that have held a prior position at the National Weather Service or another entity in National Oceanic and Atmospheric Administration.

(6) The average full-time equivalent salary for Federal employees at the National Weather Service for each equivalent level of the General Schedule.

(7) The average salary for full-time equivalent contractors performing at each equivalent level of the General Schedule at the National Weather Service.

(8) A description of any actions taken by the Under Secretary to respond to the issues raised by the Inspector General of the Department of Commerce regarding the hiring of former National Oceanic and Atmospheric Administration employees as contractors at the National Weather Service such as the issues raised in the Investigative Report dated June 2, 2015 (OIG-12-0447).

The report is broken down into eight sections, responding directly to the issues raised in the Act.

**(1) The total number of full-time equivalent employees at the National Weather Service, disaggregated by each equivalent level of the General Schedule.**

As of pay period 19 (9/11/22 – 9/24/22), the last full pay period of FY2022, the total number of onboard employees of the NWS was 4,386. The below table disaggregates this onboard employee count by each level of the General Schedule.

Grade	Onboard Staff	Grade	Onboard Staff
ES-00	33	GS-13	1,577
GM-13	1	GS-14	573
GM-14	1	GS-15	201
GM-15	1	SL-00	1

GS-04	2	ST-00	2
GS-05	1	WG-06	8
GS-06	7	WS-06	1
GS-07	21	ZA-04	0
GS-08	141	ZA-05	1
GS-09	15	ZP-03	1
GS-10	22	ZP-04	6
GS-11	341	ZP-05	6
GS-12	1,423	Sum:	4,386

**Source: Data from United States Department of Agriculture, National Finance Center and as compiled in NOAA's Management Analysis Reporting System (MARS), as of pay period 19 (9/11/22 – 9/24/22)**

**(2) The total number of full-time equivalent contractors at the National Weather Service, disaggregated by each equivalent level of the General Schedule that most closely approximates their duties.**

NOAA does not track or maintain information that identifies or characterizes contractors' employees as FTEs or the number of FTE contractors at the NWS that is disaggregated by equivalent levels of the General Schedule. The General Schedule pertains to the federal workforce, and the Federal Acquisition Regulation does not require government agencies to link or crosswalk contractor-provided services personnel duties to the federal General Schedule. Contractors provide services in accordance with contract Statements of Work and, as a general matter, determine the qualifications and duties of the composition of the workforce they will provide. Contractor hiring data are proprietary, and NOAA does not have access to this information.

In a November 2016, in the report titled “National Weather Service’s Oversight of Service Contracts, Document Retention, and Reporting Needs Improvement” (OIG-17-007-A), the DOC OIG looked specifically into the issue of data NOAA provided to Congress on the number of contractor employees at NWS. The OIG analyzed NOAA’s staff directory, badging data from the DOC Office of Security, and other employee datasets. Following its review of these various datasets, the OIG noted that "NWS and NOAA are not required to track or maintain comprehensive listings of the number of employed contractors or the number of former employees that return to the agency as contractors, and have no mechanism in place to do so." This is consistent with what NOAA and NWS have previously explained, which is that contractors provide NWS with services, and determine who among their employees provide those services.

However, NWS does collect federal and contractor data as part of our annual Federal Activities Inventory Reform (FAIR) Act of 1998 reporting requirements. The data reported includes the number of contractors, but as addressed above, does not aggregate them by equivalent Federal grade as required by the Weather Act. The table summarizes the number of contractors as reported in the NWS FAIR Act report as of April 15, 2022:

NWS Financial Management Center	Number of NWS Contractors
Office of the Assistant Administrator	63
NWS Eastern Region	8
NWS Southern Region	3
NWS Central Region	1
NWS Western Region	1
NWS Alaska Region	1
NWS Pacific Region	65
NWS National Centers for Environmental Prediction	309
Office of Planning & Programming for Service Delivery	9
Office of Facilities	19

Office of Observations	329
Office of Central Processing	163
Office of Dissemination	18
Office of Science & Technology Integration	43
Office of the Chief Operating Officer	6
Office of Analyze, Forecast, and Support for Operations	1
Office of Water Prediction	53
Total	1,092

**(3) The total number of vacant positions at the National Weather Service on the day before the date of enactment of this Act, disaggregated by each equivalent level of the General Schedule.**

The NWS annually reviews and updates its staffing plan once the annual appropriation is received to determine the number of positions that can be supported within the budget.

The list below contains vacancies as of PP19 (9/11/22 - 9/24/22) that are designated as supported within the NWS' FY22 spend plan:

Grade	Number of Vacancies
ES-00	3
ST-00	0
SL-00	1
GS-15	22
GS-14	41

GS-13	97
GS-12	83
GS-11	29
GS-10	3
GS-09	2
GS-08	9
GS-07	1
GS-06	1
Total	163

**(4) The five most common positions filled by full-time equivalent contractors at the National Weather Service and the equivalent level of the General Schedule that most closely approximates the duties of such positions.**

As mentioned in the response to section two (2), NOAA is not required to and does not track or maintain information that identifies or characterizes contractors' employees as Federal FTEs or compares their salaries (which NOAA does not necessarily know) to an equivalent level of the General Schedule. NOAA does not receive or maintain contractor data to compare the job duties of contractor personnel with the Federal job series descriptions and grade levels as prescribed by the Office of Personnel Management. Contractor personnel occupy positions that are uniquely defined by each vendor. It should further be noted that the contractors providing NOAA with services determine the appropriate level of compensation for their employees, not NOAA.

In lieu of specific contractor positions, NOAA's AGO has compiled all NWS obligations for service contracts in fiscal year 2022 and sorted them by the corresponding Product and Service

Code (PSC) descriptors as recorded in the Federal Procurement Data System – Next Generation (FPDS-NG). Based on this compilation, the five PSC descriptors where NWS obligated the most amount of funds in fiscal year 2022 were “Support - Management: Other,” “Support - Professional: Program Management/Support,” “Support - Professional: Professional: Engineering/Technical,” “IT and Telecom - End User as a Service Conferencing, AV, Helpdesk Support, Workspace, Printers, Collaboration and Productivity Tools,” and “Support - Management: Contract/Procurement/Acquisition Support.”

[1]

**(5) Of the positions identified under paragraph (4), the percentage of full-time equivalent contractors in those positions that have held a prior position at the National Weather Service or another entity in National Oceanic and Atmospheric Administration.**

NOAA contracts for services to be performed and the contractor selects which of its employee(s) will perform the services. As such, NOAA does not maintain records of the employment history of individuals assigned by the contractor to perform under an NWS support services contract.

**(6) The average full-time equivalent salary for Federal employees at the National Weather Service for each equivalent level of the General Schedule.**

The below table identifies average salaries of Federal employees in the NWS for each equivalent level of the General Schedule as of pay period 19, which ended on September 24, 2022.

Pay Plan	Grade	Average Salary
ES	0	\$ 193,600
GM	13	\$ 131,747
GM	14	\$ 163,571
GM	15	\$ 176,300
GS	4	\$ 47,503

Pay Plan	Grade	Average Salary
GS	12	\$ 85,444
GS	13	\$ 117,602
GS	14	\$ 143,288
GS	15	\$ 166,466
SL	0	\$ 193,717

GS	5	\$ 48,650	ST	0	\$ 189,703
GS	6	\$ 52,450	WG	6	\$ 57,021
GS	7	\$ 58,934	WS	6	\$ 79,061
GS	8	\$ 61,200	ZA	5	\$ 176,300
GS	9	\$ 71,099	ZP	3	\$ 113,743
GS	10	\$ 72,922	ZP	4	\$ 152,175
GS	11	\$ 81,459	ZP	5	\$ 173,026

Source: Salary data based on United States Department of Agriculture, National Finance Center, as of Pay Period 19 (9/11/22 – 9/24/22)

**(7) The average salary for full-time equivalent contractors performing at each equivalent level of the General Schedule at the National Weather Service.**

Similar to the response to section five (5), NOAA contracts for services to be performed based on a description of services needed, and the contractor determines the pay and benefits of its employees that are assigned to perform the required services. Accordingly, NOAA does not manage or track the salary or benefits of individuals assigned to perform its contracts.

**(8) A description of any actions taken by the Under Secretary to respond to the issues raised by the Inspector General of the Department of Commerce regarding the hiring of former National Oceanic and Atmospheric Administration employees as contractors at the National Weather Service such as the issues raised in the Investigative Report dated June 2, 2015 (OIG–12–0447).**



It was concluded in the OIG Investigative Report, OIG-12-0047, that a former senior official from the NWS was personally and substantially involved in the procurement of his own post-retirement consulting services and took improper steps prior to his retirement to have NWS pay for his housing expenses while he served as a consultant to the agency. In a December 8, 2015, memorandum to the DOC OIG, the NWS Deputy Assistant Administrator and the Director of NOAA's AGO outlined seven actions taken to address the Investigative Report's findings.

Below are the actions undertaken by NOAA to address the findings in the OIG Report:

1. Senior employees and policy-making officials were provided ethics training, conducted on a number of dates in July, August, and September 2015. The training included a module explaining that a federal employee may not, as part of official duties, take actions to arrange for the employee's post-employment activities, including contracting with the government.
2. As of September 1, 2015, all senior employees and policy-making officials are provided with a handout outlining restrictions relating to an employee engaging in activities as part of official duties regarding future contracts with the government (or other post-government employment activities).
3. Materials on-line (and available to all Department employees) have been updated to include a new guide, "A Word About Ethics: Post-Federal Employment as Agency Contractor," which not only sets out the post-government employment restrictions, but also clearly states that, among other prohibited conduct, an employee may not draft a statement of work or otherwise participate in creating a position that the employee expects to fill after leaving federal service.
4. Ethics Office staff was recently reminded (in January 2019) that when the Ethics Office receives a notice from a senior employee or policy-making official about entering into employment negotiations (in accordance with the STOCK Act), the employee must receive, with an acknowledgement of receipt of the notice, a short summary of rules regarding seeking employment and an explanation of the restriction on engaging in actions in an official capacity concerning post-employment activities (including contracting with the government).
5. Ethics training and materials have been modified to further emphasize the obligation to report fraud, waste, and abuse to the OIG. The following statement is included under the Misuse of Resources tab on the Ethics website: "Employees have **an obligation to report waste, fraud, abuse, or other violations of law.** You may contact the Office of Inspector General Hotline at 800-424-5197 or 202-482-2495 or email [hotline@oig.doc.gov](mailto:hotline@oig.doc.gov) to report waste, fraud, abuse, or other violations of law, or to

request an investigation. (The Ethics Law and Programs Division does not investigate allegations of violations of law.)” The 2015 Commerce Summary of Ethics Rules also instructs employees to contact the OIG to report fraud, waste, abuse, or other violation of law, and provides the OIG’s contact information. Finally, all Ethics employees who conduct new entrant orientation were recently reminded to emphasize, during new employee orientation, the duty of the employees to report waste, fraud, abuse or other violations of the law.

6. NOAA’s Office of Acquisition and Grants (AGO) issues Acquisition Alerts, the most recent of which was issued in December 2018, to all NOAA Heads of Contracting Offices for dissemination within their respective Acquisition Divisions. The purpose of the Acquisition Alert is to increase awareness of and compliance with the post-government employment restrictions applicable to federal employees engaged in service to NOAA under contractual arrangements. The Acquisition Alert provides that in all solicitations and contracts exceeding the simplified acquisition threshold, there is language by which the contractor acknowledges the restriction on current NOAA employees regarding contact with offers concerning prospective employment and the corresponding obligations for contractors who engage them. By submission of an offer in response to a NOAA solicitation or acceptance of a contract, the contractor also acknowledges that it has provided notice to former NOAA employees who will provide service to NOAA under the contract of post-government employment restrictions that apply to them. A copy of Acquisition Alert 16-02 is attached.

7. NOAA AGO also issued Acquisition Alert 16-01 (“Acquiring Space for Short-Term Use”), which makes clear that an AGO contracting officer or field delegate is authorized to enter into a lodging agreement for **invitational travelers or NOAA employees on a temporary detail or temporary duty (TDY)** in accordance with the Federal Travel Regulations. The Acquisition Alert also established several internal controls for nonconventional lodging requisitions submitted to AGO. A copy of Acquisition Alert 16-01 is also attached.

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[1] Source: Comprizon Suite – Procurement and Acquisition System Department of Commerce, FY 2022